

**Derwent Title:**

Dermatological prepn. contg. water soluble deriv. of retinol - useful for treating hyper-keratosis and preventing wrinkles is safe and stable

**Original Title:**

☒ JP08073338A2: SKIN EXTERNAL PREPARATION

**Assignee:**

NOEVIR KK Non-standard company

**Inventor:**

None

**Accession/  
Update:**

1996-205427 / 199621

**IPC Code:**

A61K 7/48 ; A61K 7/00 ; C07F 9/09 ;

**Derwent Classes:**

B05; D21; E19;

**Manual Codes:**

B03-A(A and carotenoids) , B14-N17(Skin treatment general and other) , B14-R01(Cosmetic general and other) , D08-B09A(Cosmetic preparations for skin care) , E05-G09A(P-O or P-S bond, aliphatic or alicyclic compound with P-HAL, P-S or >>1 P) , E05-G09C(Mono, di or tri-unsubstituted alkyl orthophosphate (or salt)) , E06-D17(Heterocyclic, fused ring with 3 rings and more than two N) , E07-A02B(Tetrahydrofuran with =O & -O- substituents) , E07-D04C(Pyridine use) , E07-D12(Pyrimidine) , E07-F01(Heterocyclic, mononuclear ring with one S and one N, less than 6 membered) , E10-C04D5(Acyclic hydroxy, aldehyde or ketonic carboxylic acids (inc. acyclic ether) -)

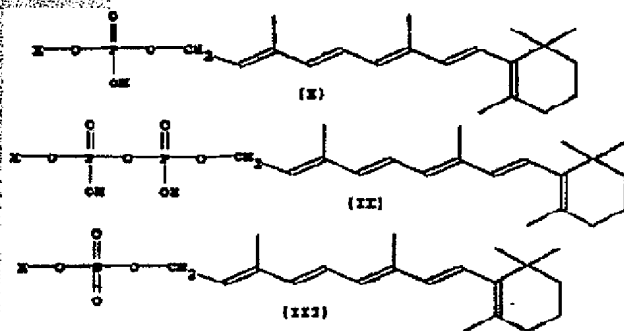
**Derwent  
Abstract:**

( JP08073338A) Dermatological prepn. comprises at least one diphosphate complex of retinol with a water soluble vitamin of formula (I), dipyrophosphate complex of retinol with a water soluble vitamin of formula (II), and disulphate complex of retinol with a water soluble vitamin of formula (III). X = a residue of water soluble vitamin (pref. thiamine, riboflavin, 1-beta-D-ribofuranosyl nicotinamide, 1-beta-D-ribofuranosyl nicotinic acid, pyridoxal, pyridoxine, pyridoxamine, pantothenic acid or ascorbic acid).

**Use** - The prepn. is useful for the treatment of hyperkeratosis and prevention of wrinkles.

**Advantage** - (I), (II) and (III) are safe and stable in water-soluble base materials. When applied on the skin, the cpds. are decomposed by esterase and the released retinol and water soluble vitamins exhibit synergistic actions.

**Images:**



Dwg.0/0

**Family:**

PDF Patent	Pub. Date	Derwent Update	Pages	Language	IPC Code
<input checked="" type="checkbox"/> JP08073338A *	1996-03-19	199621	5	English	A61K 7/48

Local appls.: JP1994000234258 Filed:1994-09-02 (94JP-0234258)

? Priority Number:

Application Number	Filed	Original Title
JP1994000234258	1994-09-02	SKIN EXTERNAL PREPARATION

? Chemical  
Indexing Codes

Show chemical indexing codes

? Markush  
Compound  
Numbers:

Show Markush numbers

? Related  
Accessions:

Accession Number	Type	Derwent Update	Derwent Title
C1996-065215	C		
1 item found			

? Title Terms:

DERMATOLOGY PREPARATION CONTAIN WATER SOLUBLE DERIVATIVE  
RETINOL USEFUL TREAT HYPER KERATOSIS PREVENT WRINKLE SAFE  
STABILISED